THORO TEST

YOUR ASSURANCE OF QUALITY

FSM - 1

FIELD STRENGTH INDICATOR

THUROW ELECTRONICS, INC.

FIELD STRENGTH INDICATOR

The THORO-TEST Field Strength Indicator is especially designed for checking the radiation from a transmitting antenna. It is a sensitive and compact unit that requires no battery or other power supply for its use.

The RF section is rectified by a crystal diode and the rectified current can then be read on the meter scale. The readings will be proportional to the power radiated. The sensitivity of the unit can be controlled by adjusting the panel control, by shortening the antenna length or by increasing the distance from the transmitter.

OPERATION

1. Fasten the collapsible pick-up antenna to the jack at the top of the case and extend the antenna to its full length.
2. The unit should be brought close to the vicinity of the transmitting antenna. Be very careful that the pick-up antenna does not come in contact with any metallic portion of the transmitter or antenna.
3. The adjusting knob should be rotated to obtain the

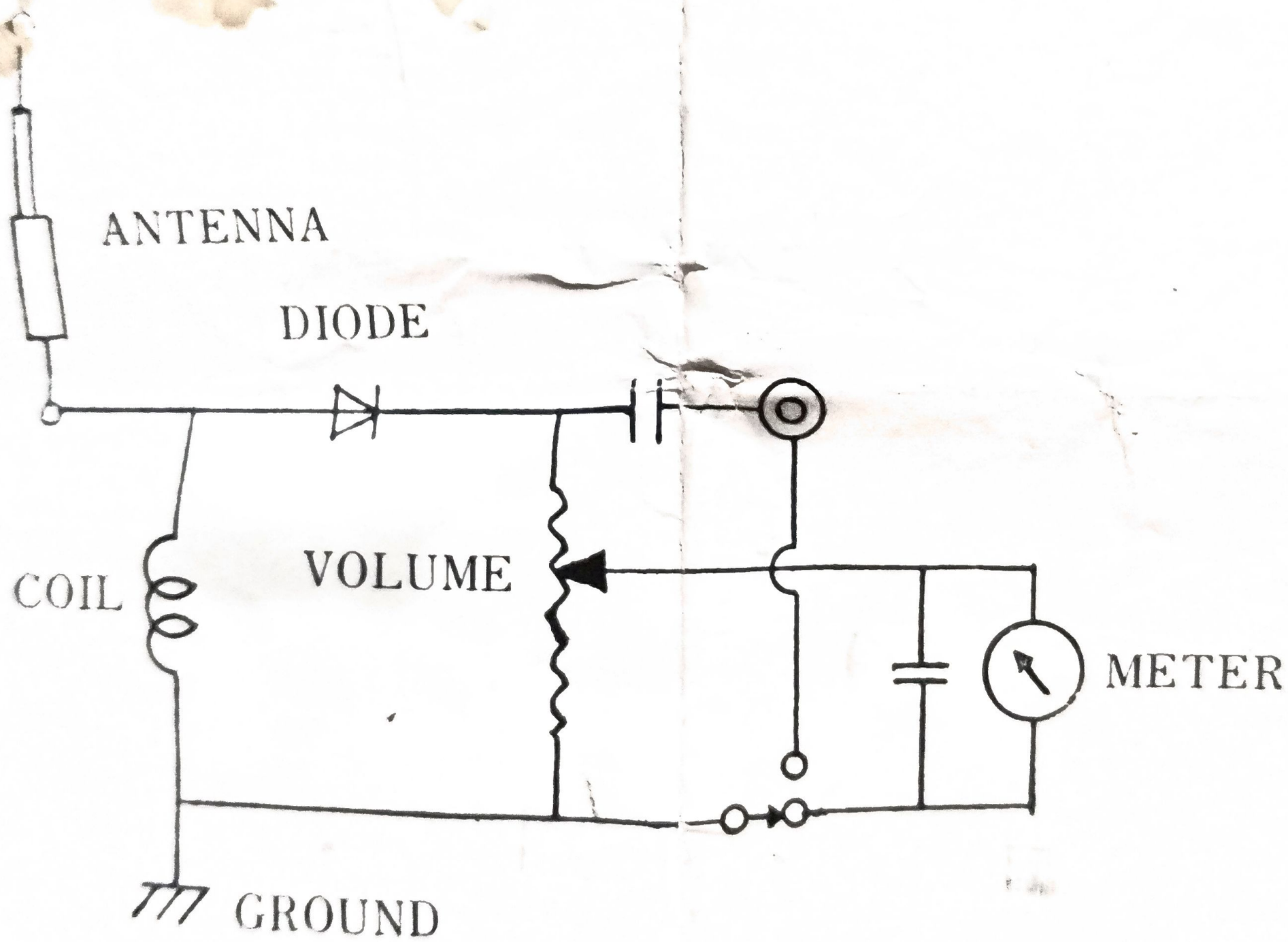
most convenient reading on the scale. In the presense of a strong RF field, shorten the length of the antenna.

On the base of the unit, a powerful magnet has been incorporated for placing the indicator on any steel surface such as car fenders, hoods, etc., without slipping or falling off.

SPECIFICATIONS

1.	Frequency Range	:	1-250 MC
2.	Antenna	:	5 Sections-Extended Length 9-5/16″
3.	Meter	:	100 μA DC Full Scale.
4.	Dimensions	:	$3\frac{1}{2}'' \times 2 - 3/8'' \times 2''$

DIAGRAM



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